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Approved For Release 2003/12/02 : CIA-RDP79B01709A000400020028-7

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NRO REVIEW COMPLETED

24 June 1968

Referral review completed by NIMA 3/1/01

MEMORANDUM FOR: Acting Chairman, Mapping, Charting,
and Geodesy Working Group

DIA & USAF REVIEWS COMPLETED

SUBJECT: Need for DISICS on CORONA Missions

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REFERENCES:

a.

[REDACTED]

b.

[REDACTED]

XEROXES OF ALL ARE ATTACHED

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1. It appears that our 17 June memorandum to COMIREX (reference a) with the attached request from [REDACTED] has been overcome by additional information developed since the Chairman, MCGWG, wrote to this office. The 20 June NRO cable (reference b) must lead to the conclusion that four J-3 CORONA missions will be flown without the DISIC, and trade-offs and bargains are not involved. Despite this I consider it worth remanding [REDACTED] memorandum and the subject of DISICS to MCGWG for further consideration of the whole geodetic position and short arc solution (SAR) problem.

2. In addition to the first two references cited above I have read the 17 June memorandum from [REDACTED] subcommittee, addressed to your working group and dated 17 June, and the subsequent informal request addressed to NRO on 18 June by [REDACTED]. This request was primarily concerned with the problem of geodetic positioning for ICBM targets and the SAR. I am also generally aware of the burden of discussion on DISICS in your committee on 20 June. I am not at this time requesting another formal presentation to COMIREX but I am curious about several points. NRO might answer these to me directly, but inasmuch as MCGWG has explored so many facets of the problem, will you advise me on the following:

a. If we accept the fact that four J-3 CORONA missions must be flown without the DISICS, would MCGWG agree that Missions 1105, 1108, 1110, and 1114 are the ones from which the DISICS should be omitted?

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b. If these do not appear to be the missions you would choose, is it true that a decision to include a DISIC, presumably a swap, can be made within 25 days of launch?

c. Please advise me if you hope to make changes to the present program and the basis for your ideas.

d. Will you evaluate for me the benefits you expect to derive from the SGLE tracking facility and whether its principal advantages will be its use in conjunction with the DISICS or on the four missions which will not fly the DISICS?

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Chairman

Committee on Imagery Requirements and Exploitation

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DEFENSE INTELLIGENCE AGENCY

WASHINGTON, D.C. 20301

19 June 1968

WORKING PAPER

SUBJECT: Requirement Guidance to the NRO on DISICS

TO: Chairman, Committee on Imagery Requirements and Exploitation

1. Reference is made to COMIREX-D-15.2/9, of 17 June 1968, with attachment.
2. In response to the reference, the following comments are submitted:
 - a. The second sentence of paragraph 4, of the attachment to the reference, reflects guidance which does not consider the situation that might exist at the time of the missions concerned. Consequently, the premise as regards "stressing" of requirements is unrealistic. In any event, it is believed that paragraph 4 b is controversial and imparts an erroneous impression -- one which indicates competition between intelligence requirements and MC&G requirements.
 - b. The intent of paragraph 4 b is believed to be that the coverage of priority intelligence objectives would not be impeded; that because the J-3 system provides so much more in frame camera coverage, and permits an increase in contour accuracy by a factor of almost 2 -- when compared to the J-1 system -- it is desirable that the greater benefits of the J-3 system to MC&G be recognized wherever practicable in view of overall collection priorities.
3. Recommend that the above clarification be included in the guidance to be provided the NRO on the subject.

FOR THE DIRECTOR

[Redacted Signature Box]

Captain, USN
Acting Chief, Special Activities Office

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DEPARTMENT OF THE AIR FORCE
OFFICE OF THE SECRETARY

MEMORANDUM

21 June 1968

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NOTE FOR

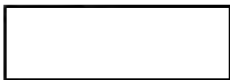
These are the messages and the letter from NPIC which I spoke to you about this morning. The NPIC letter mentions five DISIC units but the actual case is that we are short four DISIC units for the current inventory of J-3 systems. During the discussions with NPIC they indicated that the increased workload of data reduction from the J-3 system without DISIC could be handled provided no more than two of these missions were flown per year.

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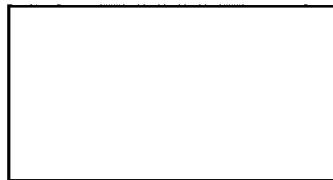
Attachments

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as per memo



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PRIORITY

CORONA.

SUBJECT: DELETING DISIC SUBSYSTEM FROM SOME CORONA SYSTEMS

REF: CHARGE 1990 (NOT SENT INFO ADDRESSEES)

ADDITIONAL DISIC UNITS NEEDED FOR ALL J-3 MISSIONS WILL NOT BE PROCURED DUE TO INCREASED COSTS QUOTED AND CURRENT FUNDING LIMITATION. IN ORDER TO SPREAD THE FOUR J-3 MISSIONS WITHOUT DISIC UNITS OVER AN ACCEPTABLE TIME BASE BETWEEN MISSION

SCHEDULED FOR WILL BE FLOWN WITHOUT DISIC

AND IT IS TENTATIVELY PLANNED THAT MISSIONS

WILL BE FLOWN WITHOUT DISIC

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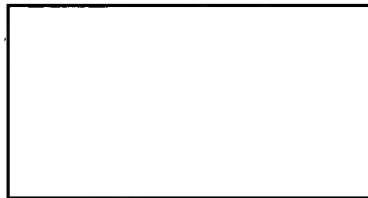
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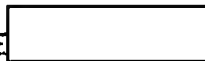
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S E C R E T 111054Z JUN 68 CITE



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PRIORITY



CORONA

SUBJ: DELETING DISIC SUBSYSTEM FROM SOME CORONA SYSTEMS

REF: AND TELECON WITH ON 4 JUN 68.

1. RECOMMENDED MISSION SCHEDULE FOR DISIC DELETION PER REF TWX
AND TELECON IS:

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A.
B.
C.
D.



2. SINCE IT IS OUR PLAN TO PROCESS AND TEST THE SYSTEM USING
CURRENT APPROVED PROCEDURES AND REMOVING THE DISIC NEAR THE END
STORAGE AND PRIOR TO SHIPMENT TO VANDENBERG, THE ABOVE SCHEDULE
MAY BE ALTERED PER YOUR REQUIREMENTS. THE DISIC REMOVAL PROCESSING
CAN BE ACCOMPLISHED UP TO R-25 DAY.

S E C R E T

BT

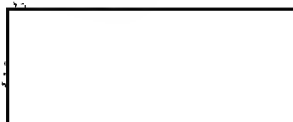
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DISTRIBUTION

Originator: [REDACTED]

Date: 3 June 1968

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Precedence

Addressee(s)

PRIORITY

Action: [REDACTED]

Info:

CORONA

FOR GENERAL [REDACTED] FROM [REDACTED]

IN ORDER TO KEEP THE COST OF THE CORONA PROGRAM TO A MINIMUM THE
FEASIBILITY OF DELETING THE DISIC SUBSYSTEM FROM SOME CORONA MISSIONS
HAS BEEN ^{DISCUSSED WITH [REDACTED]} ~~COORDINATED~~ ^{COORDINATED WITH NPIC} THE ~~NPIC~~ ^{NPIC} POSITION IS THAT UP TO TWO (2)
MISSIONS A YEAR COULD BE FLOWN WITHOUT DISIC AND NOT CREATE AN UNACCEPTABLE
DATA REDUCTION WORK LOAD. THIS IS ALSO ACCEPTABLE TO THE MC&G COMMUNITY.
AT THE PRESENT TIME, THE CORONA PROGRAM IS SHORT FOUR DISIC UNITS COM-
PARED TO THE TOTAL J-3 SYSTEMS UNDER PROCUREMENT. IT ^{WOULD APPEAR} ~~IS DESIRED~~ THAT
FOUR MISSIONS ^{MAY} BE FLOWN WITHOUT THE DISIC UNITS OVER THE NEXT TWO YEARS.
I SUGGEST THAT ^{THESE MISSIONS SHOULD} BE SPACED AT 6 MONTH INTERVALS [REDACTED]

IT IS ^{REQUESTED} ~~DESIRED~~ THAT THE MODIFICATION OF THESE MISSIONS BE MADE AS
ECONOMICALLY AS POSSIBLE WITH NO CHANGE TO OTHER SUBSYSTEMS EVEN IF
TEST MATERIAL HAS TO BE PRELOADED IN THE RECOVERY VEHICLE FOR WEIGHT
BALANCE.

ALSO REQUEST YOUR RECOMMENDATIONS OF THE MISSIONS TO BE SCHEDULED WITHOUT DISIC
AS SOON AS POSSIBLE.

Coord [REDACTED]

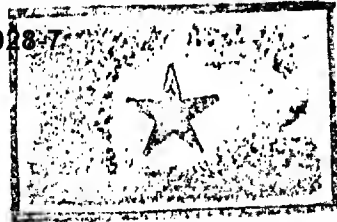
Releas [REDACTED]

PRO AL C(4)

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NATIONAL PHOTOGRAPHIC INTERPRETATION CENTER

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8 March 1968

Copy No. 1

MEMORANDUM FOR: Director, National Reconnaissance Office

SUBJECT : NPIC Recommendation Concerning the Purchase of
Additional DISIC Units

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1. Recently there have been discussions between NPIC officers and
[redacted] of your staff concerning the question of purchasing
five more DISIC units for the J3 system to fill a gap caused by revisions
of the [redacted] schedule.

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2. We recognize the problem caused by the costs of these units and
wish to state that NPIC, in the light of this, can adopt alternative
(albeit more time-consuming) procedures in lieu of DISIC.

3. In taking this position, the Center is not implying that it can
do without attitude data as a general rule. We are merely doing all
possible to be helpful to your office and are willing to adopt an alter-
native for some five KH-4 missions which we understand will be interspersed
intermittently into the J3 program between now and the advent of [redacted]

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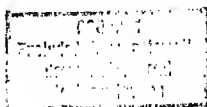
ARTHUR C. LUNDAHL
Director

Distribution:

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2 - Dir/NRO

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